


<b>Search Notes</b>  	<b>Application/Control No.</b>  10693429	<b>Applicant(s)/Patent Under Reexamination</b>  WALTON ET AL.
	<b>Examiner</b>  MARCUS R SMITH	<b>Art Unit</b>  2467

SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES		
Search Notes	Date	Examiner
limited text search in 370/328,334,337-338.ccls.	8/13/08 (updated 1/27/09, 8/31/09, 3/19/10, 7/15/10, 11/01/10)	MS
(MIMO with (spatial or multiplex\$6 or spatial multiplex\$4)).ab.	8/13/08	MS
(mimo with (space or diversity or spatial)) and (space near3 diversity or spatial near3 multiplex\$4) with (rate or mode)	8/13/08	MS
(MIMO with (spatial or multiplex\$6 or spatial multiplex\$4 or space or diversity)).bsum.	8/13/08	MS
MIMO with channel and (vector) and spatial\$4 with (channel\$3 or multiplex\$6 or mode) and (crosstalk or interfer\$6 near4 cancel\$6) and correlat\$6 and (MMSE or square error)and @ad<="20031130"	8/13/08	MS
MIMO and null steer\$	1/27/09	MS
(steer\$ or non-steer\$ or non steer\$4) same (MIMO or ( spatial\$ same multiplex\$))	1/27/09	MS
spat\$4 with multiplex\$ same diversity and MIMO	8/31/09	MS
inventor name search in EAST and PALM	8/31/09 (updated 3/19/10, 7/15/10, 11/01/10)	MS
limited text search in 370/208-210.ccls.	3/19/10 (updated 7/15/10 and 11/01/10)	MS
limited text search in 375/260-267,299,345,347-348.ccls.	3/19/10 (updated 7/15/10 and 11/1/10)	MS

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## SEARCH NOTES

Search Notes	Date	Examiner
MIMO same (OFDM\$2 or channel) and spatial near3 (multiplex\$4 or process\$4) same (vector\$4 or eigen\$5) and spatial near3 (multiplex\$4 or process\$4) same (cod\$4 or modulat\$4 or decod\$4 or crosstalk or interference with (cancel\$ or reduce) or channel with matrix or MMSE)	3/19/10 (updated 7/15/10, 11/01/10)	MS
spatial with (multiplex\$ or process\$4) same (steer\$ or vector or beamform\$4) same MIMO	7/15/10	MS

## INTERFERENCE SEARCH

Class	Subclass	Date	Examiner
	see search notes	3/26/10 (updated 7/15/10, 11/01/10)	MS

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